

Supplementary Material

Fig. S1.

SFN-induced apoptosis in breast cancer cells. (A) Annexin V staining. (B) Multicaspase assay. Apoptosis was analyzed using flow cytometry (Muse™ Cell Analyzer) and Muse™ Annexin V and Dead Cell Assay Kit and Muse™ Multi-caspase Assay Kit. (A) SFN did not promote apoptosis in normal human mammary epithelial cells (HMEC). (B) As a positive control, 30 min treatment with 10 mM hydrogen peroxide was considered (C+). Bars indicate SD, n = 3, *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$ compared to the control (ANOVA and Dunnett's *a posteriori* test). SFN, sulforaphane.

Fig. S2.

SFN-mediated ERK1/2 activity in breast cancer cells. ERK1/2 activity was measured using flow cytometry (Muse™ Cell Analyzer) and Muse™ MAPK Activation Dual Detection Kit. Bars indicate SD, n = 3, *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$ compared to the control (ANOVA and Dunnett's *a posteriori* test). SFN, sulforaphane.

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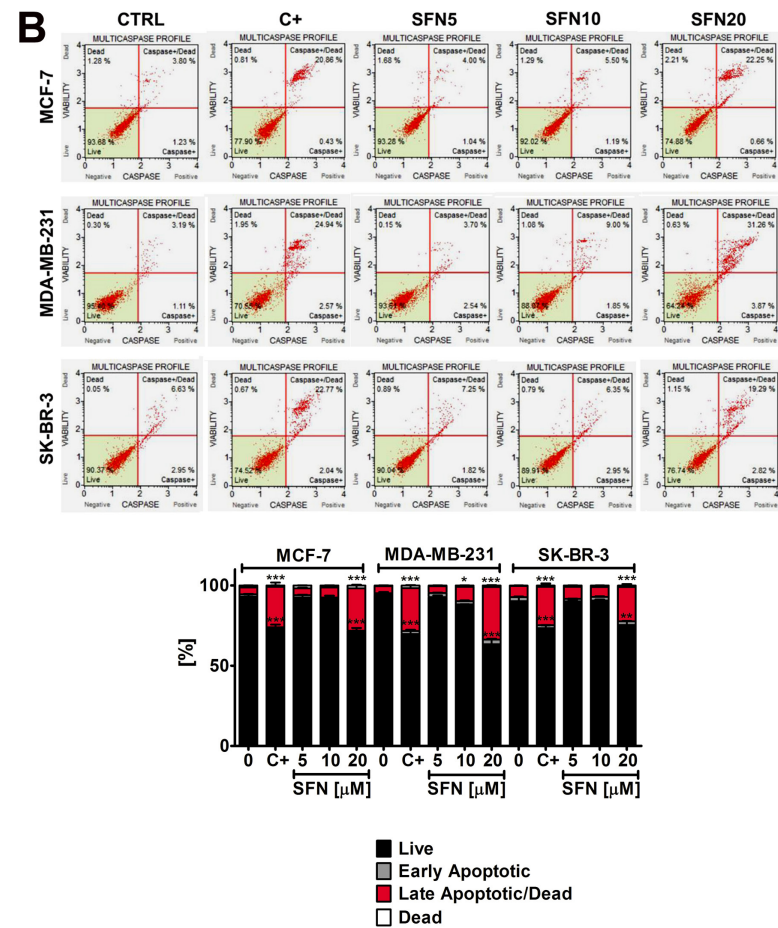
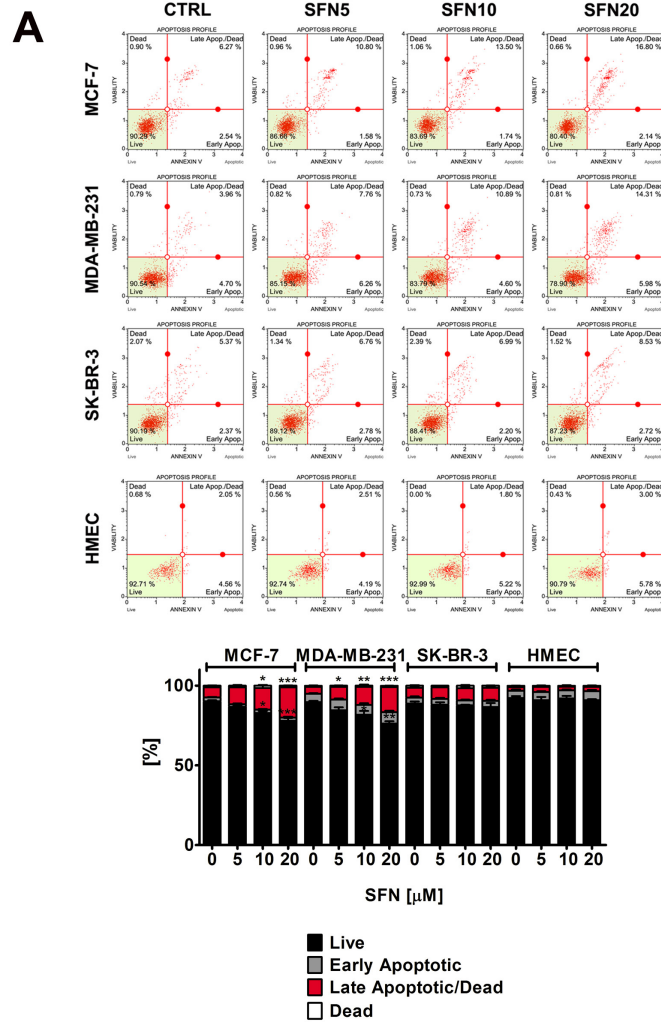


Fig. S2.

